ADDITIONS TO THE FLORA OF THE MALAY PENINSULA.

STERCULIACEÆ.

Sterculia alata, Roxb. Hort. Beng. 50; Pl. Corom. iii, 84. t.287.

Kelantan, Gua Panjang at Gua Ninik, Henderson 19613; Perak, no locality, Scortechini 1783; Negri Sembilan, Senawang Reserve, Forest Department 1995.

Helicteres lanceolata, DC., Prod. i, 476.

Pulau Langkawi, Holttum 17430, August, 1925.

MELASTOMACEÆ.

Sonerila johorensis, Hend., sp. nov.

S. prostratae Ridl. affinis, sed foliis, antheris, petalisque majoribus differt.

Prostrate creeping herb, rooting at intervals, stems filiform, red with long white hairs. Leaves in subequal pairs, broadly triangular ovate acute, serrate, base broad and abruptly narrowed into the petiole, red below when alive, purplish when dry, white hairy above and below; up to about 15 mms. long and 10 mms. broad; petioles about 2 mms. long.

Flowers 2 to 4 on a terminal peduncle 2-3 cms. long. Calyx narrowly funnel shaped, 4 mms. long, teeth broad, acute. Petals pink, 6-8 mms. long, ovate oblong apiculate. Stamens 3, anthers yellow, curved, acuminate, 2 mms. long, filaments slender 3 mms. long. Capsule smooth or minutely hairy, cylindric oblong, narrowed at base, 5-6 mms. long.

JOHORE, Gunong Panti at 1600 ft. altitude, on rocks, Holttum 17500 (type), Feb. 1926.

RUBIACEÆ.

Pomazota rivularis, Hend., sp. nov.

A *P. sylvestre* Ridl., foliis maioribus minus hirsutis, stipulis latioribus, corolla cylindrica, stylo tenuiore differt.

A creeping and erect herb, woody at base, stems at base as much as 8 mms. through, rooting at lower nodes.

Leaves oblong-lanceolate or oblanceolate, acute, narrowed to base, up to 18 cms. long and 6.5 cms. broad, glabrous above except for a few coarse thick hairs between the nerves, sparsely hirsute below on the midrib and nerves, margin with a row of multicellular hairs. Nerves prominent on both sides, up to 17 pairs. Stipules broad triangular-ovate with long points.

Peduncles variable in length, reaching 6 cms., subtended at base by a pair of ovate acute bifid bracts hairy on their edges. Involucral bracts broadly oblong or rhomboid, 3-nerved, sparsely hairy, up to 2 cms. long and 1 cm. broad. Outer floral bracts narrow spathulate, 6-8 mms. long with long multicellular hairs. Inner floral bracts linear oblong,

also hairy. Calyx lobes 4, narrow oblong with long multicellular bristles on their edges. Corolla white, cylindric, 4 mms. long, constricted below the lobes, mouth with a dense ring of hairs; lobes 4, patent, triangular ovate, with a strongly marked midrib from which arise two or three multicellular bristles. Stamens 4, about half the length of the corolla tube, anthers oblong. Style slender, stigma large globose, prolonged below the insertion of the style into two lobes. Disc conspicuous.

Capsule ovate oblong 2-3 mms. long, crowned by the persistent calyx lobes. Seeds small, numerous, angular, punctate.

JOHORE: Gunong Muntahak, c.600 ft., by a stream in dense shade, abundant, Holttum 19922 (type), March, 1928.

COMPOSITÆ.

Eupatorium conyzoides, Vahl, Sym. Bot. iii, 96.

A Brazilian composite of recent introduction into the Peninsula, now common on roadsides near Taiping.

LOGANIACEÆ.

Fagraea speciosa, Bl. Rumphia ii, 35, t. 81.

Kelantan, Sungai Keteh at Gua Ninik, Henderson 19658, October 1927.

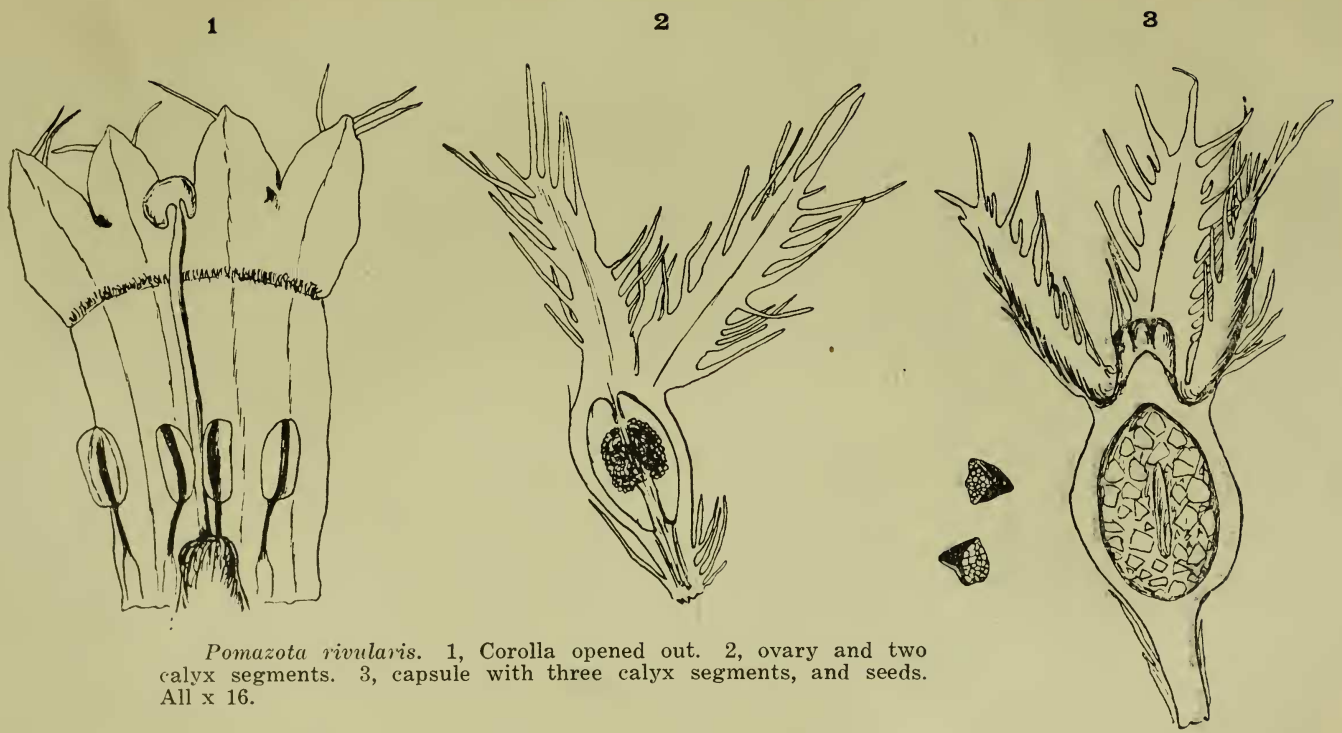
GESNERACEÆ.

Loxocarpus Holttumi, Hend., sp. nov.

L. semitortae Ridl. affinis, foliis cordatis, latioribus, pedunculis longioribus, calycis majoribus, pedunculis floribusque extra glanduloso-hirtis differt.

Leaves in a rosette, broadly ovate, cordate, blunt, edge serrulate, upper surface covered with white silky hairs, lower surface densely covered on the prominent veins with long slender ferrugineous hairs, between the veins more sparsely covered with short white hairs; about 4-5 cms. long and 4 cms. broad. Petioles up to 5 cms. long, densely ferrugineous hairy.

Peduncles to 15 cms. or more, covered with short purple glandular slightly viscid hairs, pedicels drooping, 1.2 cms. long. Inflorescence of about 7 flowers. Sepals triangular, blunt, 1 mm. long, hairy as the peduncle and pedicel. Corolla uniformly pale mauve-blue, slightly paler at the base, two-lipped, lobes round blunt, the two upper lobes much smaller than the three lower ones; 13 mms. long and broad. Outside of corolla sparsely white glandular-hairy. Filaments rather slender, curved, white to greenish, anthers yellow, or the same colour as the corolla, connivent. Staminodes white, club-shaped, about one-third the length of the stamens.



Pomazota rivularis. 1, Corolla opened out. 2, ovary and two calyx segments. 3, capsule with three calyx segments, and seeds. All x 16.

Capsule conic, dehiscing along the upper edge, sepals persistent, reflexed. Seeds brown, narrowly ovoid and pointed at both ends, minutely reticulate.

JOHORE, Gunong Panti at 1600 ft. altitude on rocks, Holttum 18097 (type), Feb. 1926; same locality, Holttum 19863, Dec. 1927.

ORCHIDACEÆ.

Eria rigida, Bl. Mus. Bot. Lugd. Bat. ii, 183.

Pahang, Gua Tipus near Chegar Perah, Henderson 19465, Oct. 1927.

Eria Teysmanni, J. J. Smith in Bull. Dép. Agric. Indes Néerl. xxii, 29.

Kelantan, Kuala Pertang, Haniff and Nur 10364, February 1923.

M. R. Henderson.